DEFENSE INFORMATION SYSTEMS AGENCY
P. O. BOX 549
FORT MEADE, MARYLAND 20755-0549

MEMORANDUM FOR DISTRIBUTION

SUBJECT: Extension of the Special Interoperability Test Certification of the Compunetix, Inc. CONTEX® Summit/Summit Extend (XT) with Conference Release 2.18.0

References: (a) DoD Directive 4630.5, "Interoperability and Supportability of Information Technology (IT) and National Security Systems (NSS)," 5 May 2004
(b) CJCSI 6212.01E, "Interoperability and Supportability of Information Technology and National Security Systems," 15 December 2008
(c) through (e), see Enclosure 1

1. References (a) and (b) establish the Defense Information Systems Agency (DISA), Joint Interoperability Test Command (JITC), as the responsible organization for interoperability test certification. Additional references are provided in enclosure 1.

2. The Compunetix Inc. CONTEX® Summit/Summit Extend (XT) with Conference Release 2.18.0 is hereinafter referred to as the System Under Test (SUT). The SUT meets the critical interoperability requirements for a Conferencing Bridge set forth in Reference (c) using test procedures derived from Reference (d). The SUT is an audio conferencing bridging system that supports 80 Digital Transmission Link Level 1 (T1s) (1920 ports) with the additional Summit Extend (X2) conference bridge extending capabilities up to 3840 ports for conferees. The SUT supports preset and Meet-Me conference types. The SUT has the capability to receive both standard (0, 1, 2, 3, and 4) and ABCD Dual Tone Multi-Frequency (DTMF) precedence digit formats and transmit the ABCD DTMF precedence digit format. This certification expires upon changes that affect interoperability, but no later than three years from the date the DISA Certifying Authority (CA) provided a positive recommendation. No other configurations, features, or functions, except those cited within this report, are certified by the JITC.

3. The extension of this certification is based on Desktop Review (DTR1). The original certification is based on interoperability testing conducted by JITC, review of the vendor's Letters of Compliance (LoC), and DISA CA recommendation. Interoperability Certification testing was conducted from 14 March 2011 through 18 March 2011. Review of the vendors LoC was completed on 18 March 2011. The DISA CA provided a positive Recommendation on 17 June 2011 based on the security testing completed by DISA-led IA test teams and published in a separate report, Reference (e). JITC determined this DTR request required Verification and Validation (V&V) testing prior to DTR approval. V&V testing was conducted from 12 through 17 September 2011. This DTR was requested to address a noted minor discrepancy with the SUTs ability to support the Differentiated Services Code Point (DSCP) Plan in accordance with

JITC Memo, JTE, Extension of the Special Interoperability Test Certification of the Compunetix Inc. CONTEX® Summit/Summit Extend (XT) with Conference Release 2.18.0

UCR 2008 Section 5.3.3.3.2. The vendor applied the following patch updates to the Windows Operator Console (WOC), and the Maintenance Client (MC) respectively: Patch 2.18.X_Rel RC5 - Build Date - exe_8.24.11_16 06 14, dll_8.24.11_16 05 54 and Patch 2.18.X_Rel RC5 – exe_8.24.11_16 03 32, dll_8.24.11_16 00 56. The SUT V&V testing verified that the SUT can now tag any traffic type with any DSCP value 0-63, which complies with the requirement. The DISA CA has reviewed the IA Assessment Report for the SUT and approved the Information Assurance posture of the SUT in this DTR on 13 Jan 2012. JITC therefore approves this DTR.

4. The Functional Requirements used to evaluate the interoperability of the SUT and the interoperability statuses are indicated in Table 1.

Table 1. SUT FRs and Interoperability Status

Interface	Critical	Certified	FRs	Met	UCR Paragraph
T1 ISDN PRI NI 1/2 (ANSI T1.619a) DTMF Signaling	Yes[1]	Yes	Preset Conferencing (R)	Yes	5.2.1.6.1
			Conference Notification Recorded Announcement (R)	Yes	5.2.1.6.1.1
			Conference Precedence Level (R)	Yes	5.2.2.8.7.1
			Automatic Retrial and Alternate Address (R)	Yes	5.2.1.6.1.2
			Bridge Release (R)	Yes	5.2.1.6.1.3
			Lost Connection to Conferee or Originator (R)	Yes	5.2.1.6.1.4
			Secondary Conferencing (R)	Yes	5.2.1.6.1.5
			Meet-Me Conferencing (C)	Yes	5.2.1.6.2
			Address Translation (R)	Yes	5.2.1.7
			DTMF signaling (C)	Yes	5.2.4.4.2
			Alarms (R)	Yes	5.2.11.3.4
IP Interface	Yes	Yes	Differentiated Services Code Point (R)	Yes	5.3.3.3.2
	Yes[2]		Security (R)	Yes	4.3.1.2

NOTES:
1 In accordance with the UCR, the SUT can meet the external bridge requirements via one of the following interfaces: IP, ISDN PRI, T1 CAS, or E1 CAS. The SUT meets the critical interoperability Functional Requirements via a T1 ISDN PRI interface with DTMF signaling. Since T1 ISDN PRI is the only interface supported by this conference bridge, it is a critical interface.
2 Security is tested by DISA-led Information Assurance test teams and published in a separate report, Reference (e).

LEGEND:
ANSI   American National Standards Institute
B8ZS   Bipolar Eight Zero Substitution
C   Conditional
CAS   Channel Associated Signaling
DISA   Defense Information Systems Agency
DTMF   Dual Tone Multi-Frequency
FR   Functional Requirement
IP   Internet Protocol

ISDN   Integrated Services Digital Network
Mbps   Megabits per second
PRI   Primary Rate Interface
R   Required
SUT   System Under Test
T1   Digital Transmission Link Level 1 (1.544 Mbps)
UCR   Unified Capabilities Requirements

JITC Memo, JTE, Extension of the Special Interoperability Test Certification of the Compunetix Inc. CONTEX® Summit/Summit Extend (XT) with Conference Release 2.18.0

5. No detailed test report was developed in accordance with the Program Manager's request. JITC distributes interoperability information via the JITC Electronic Report Distribution (ERD) system, which uses Unclassified-But-Sensitive Internet Protocol Router Network (NIPRNet) e-mail. More comprehensive interoperability status information is available via the JITC System Tracking Program (STP). The STP is accessible by .mil/gov users on the NIPRNet at https://stp.fhu.disa.mil. Test reports, lessons learned, and related testing documents and references are on the JITC Joint Interoperability Tool (JIT) at http://jit.fhu.disa.mil (NIPRNet), or http://199.208.204.125 (SIPRNet). Information related to DSN testing is on the Telecom Switched Services Interoperability (TSSI) website at http://jitc.fhu.disa.mil/tssi. Due to the sensitivity of the information, the Information Assurance Accreditation Package (IAAP) that contains the approved configuration and deployment guide must be requested directly through government civilian or uniformed military personnel from the Unified Capabilities Certification Office (UCCO), e-mail: ucco@disa.mil.

6. The JITC point of contact is Ms. Anita Mananquil, DSN 879-5164, commercial (520) 538-5164, FAX DSN 879-4347, or e-mail to anita.mananquil@disa.mil. The JITC's mailing address is P.O. Box 12798, Fort Huachuca, AZ 85670-2798. The original tracking number for the SUT is 1034001.

FOR THE COMMANDER:

Enclosure a/s   for BRADLEY A. CLARK
                                                           Chief
                                                           Battlespace Communications Portfolio

Distribution (electronic mail):
Joint Staff J-6
Joint Interoperability Test Command, Liaison, TE3/JT1
Office of Chief of Naval Operations, CNO N6F2
Headquarters U.S. Air Force, Office of Warfighting Integration & CIO, AF/XCIN (A6N)
Department of the Army, Office of the Secretary of the Army, DA-OSA CIO/G-6 ASA (ALT), SAIS-IOQ
U.S. Marine Corps MARCORSYSCOM, SIAT, MJI Division I
DOT&E, Net-Centric Systems and Naval Warfare
U.S. Coast Guard, CG-64
Defense Intelligence Agency
National Security Agency, DT
Defense Information Systems Agency, TEMC
Office of Assistant Secretary of Defense (NII)/DOD CIO
U.S. Joint Forces Command, Net-Centric Integration, Communication, and Capabilities
    Division, J68
Defense Information Systems Agency, GS23

ADDITIONAL REFERENCES

(c) Office of the Assistant Secretary of Defense, "Department of Defense Unified Capabilities Requirements 2008," 22 January 2009

(d) Joint Interoperability Test Command, "Defense Switched Network Generic Switch Test Plan (GSTP), Change 2," 2 October 2006

(e) Joint Interoperability Test Command, "Information Assurance (IA) Assessment of Compunetix JITC CONTEX Summit/Summit Extend (XT) Conference Release 2.18.0 (Tracking Number 1034001)," 11 May 2011